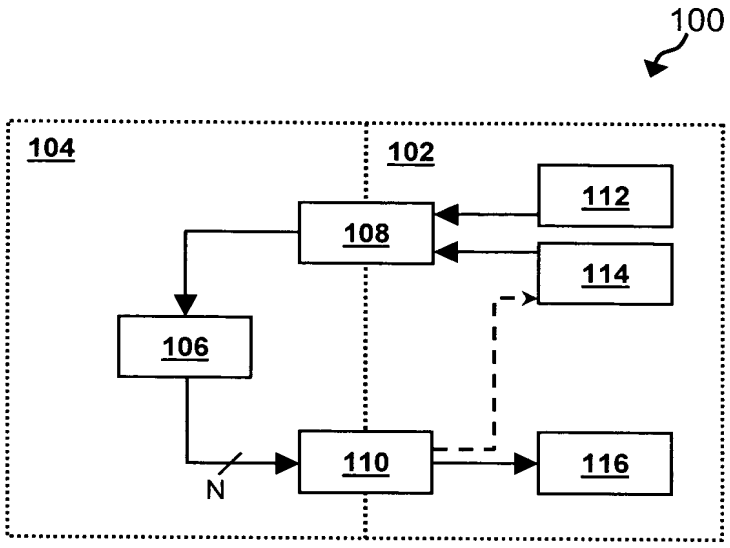


FIG. 1 (*Prior Art*)

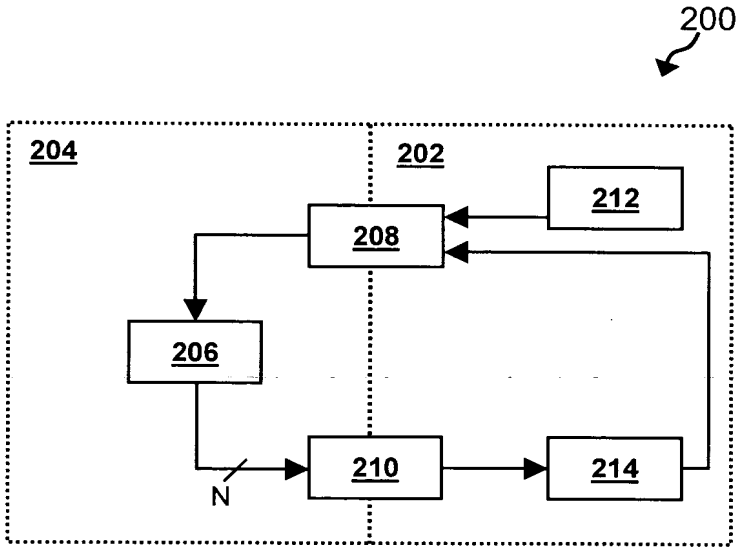


FIG. 2 (*Prior Art*)

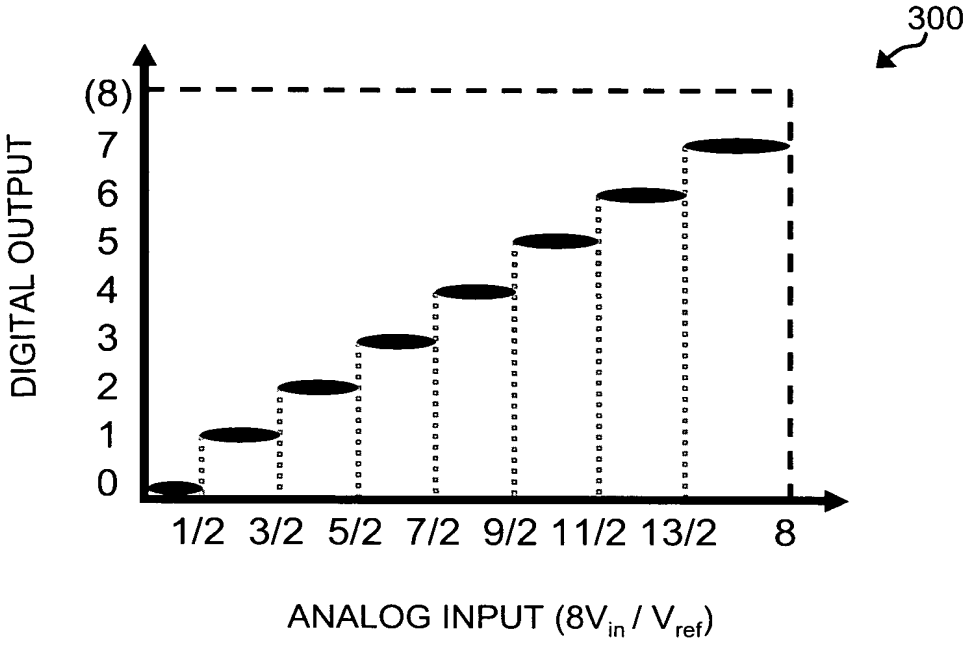


FIG. 3 (*Prior Art*)

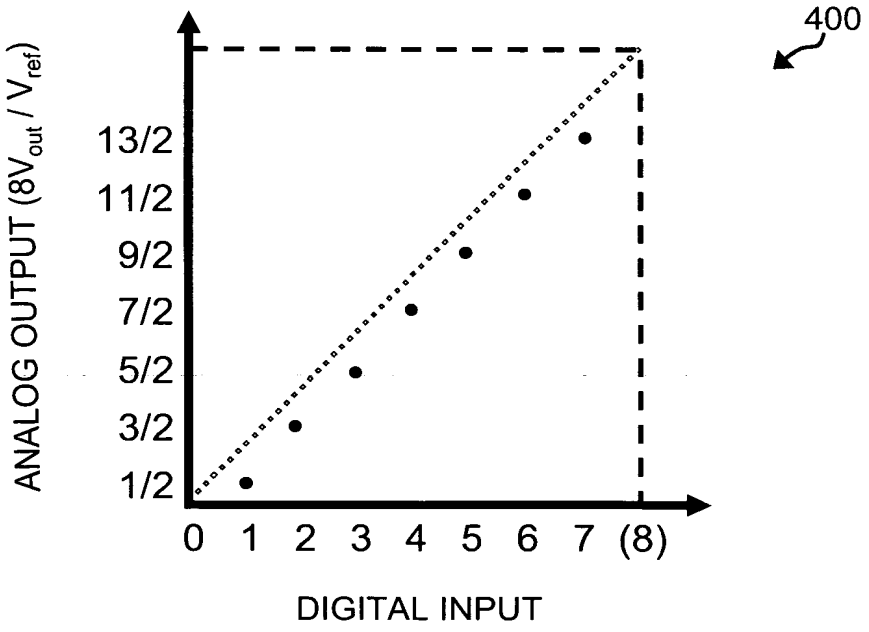


FIG. 4 (*Prior Art*)

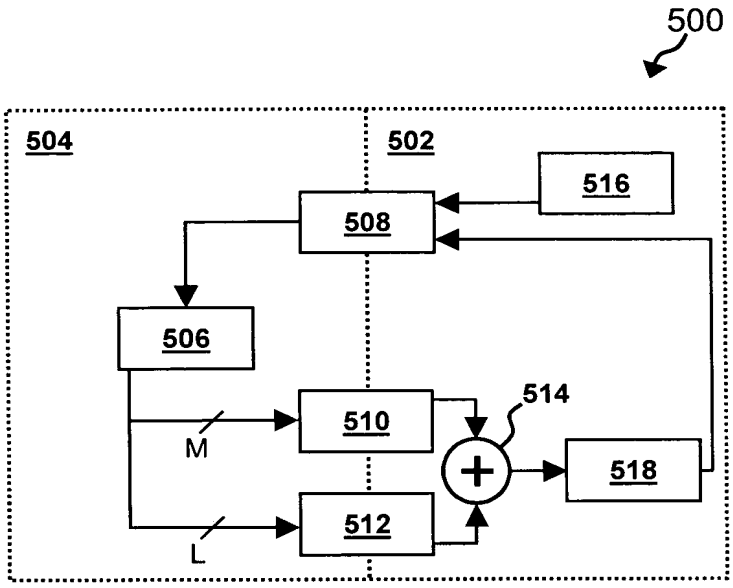
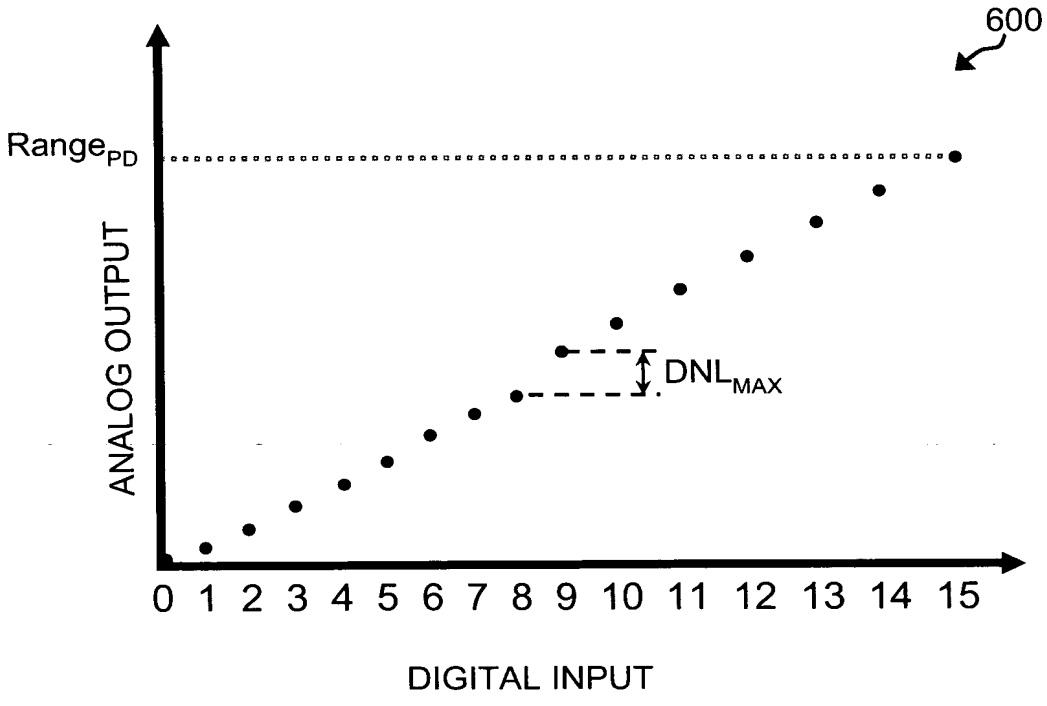

500
504
502
516
508
506
514
510
M
518
512
L

FIG. 5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ANALOG OUTPUT
DNL$_{MAX}$
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DIGITAL INPUT

FIG. 6

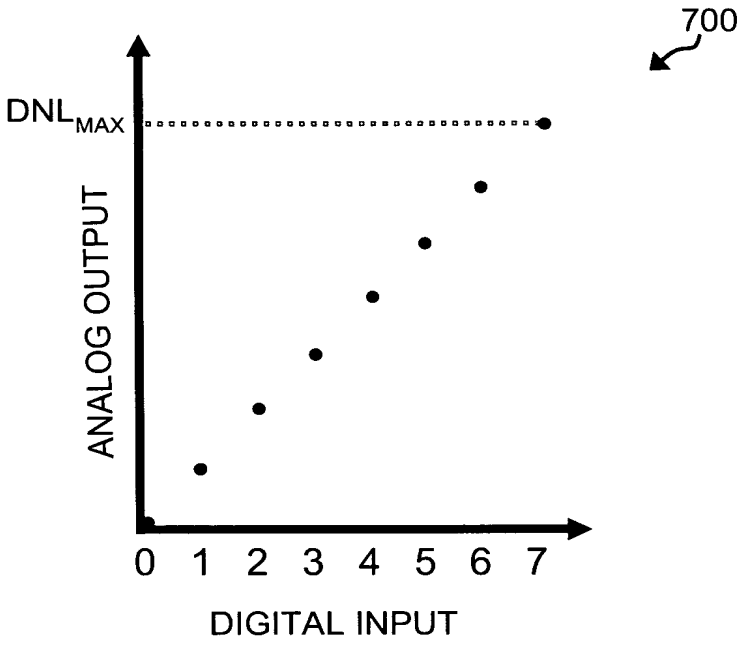
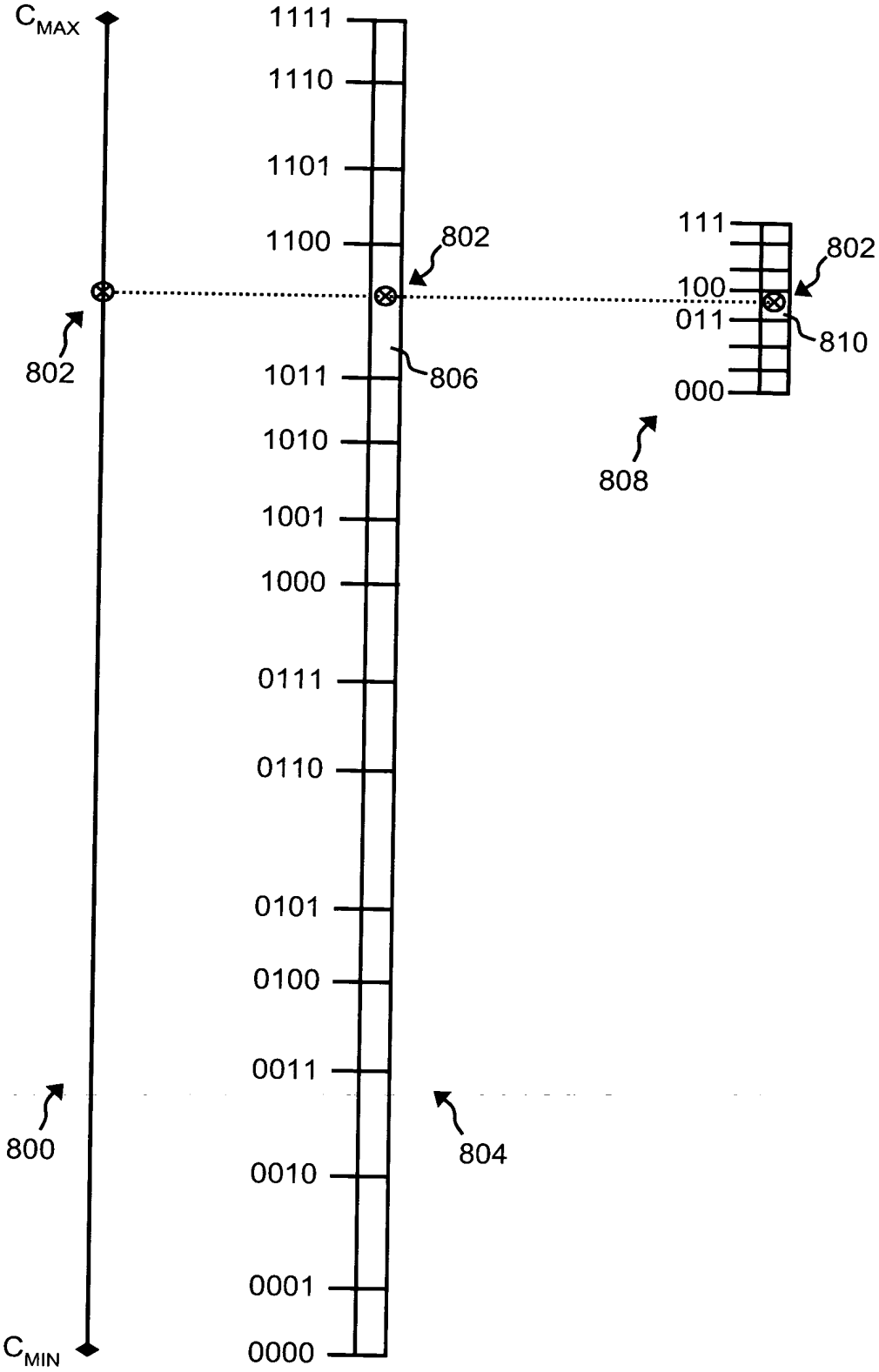


FIG. 7


C_{MAX}
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1100
802
802
1011
806
1010
1001
1000
0111
0110
0101
0100
0011
0010
0001
0000
C_{MIN}
800
804
111
802
100
011
810
000
808

FIG. 8